

Notice of Allowability

Application No.

09/997,443

Examiner

Robert D. Harlan

Applicant(s)

HALLADAY ET AL.

Art Unit

1713

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amedment After Final filed on 08/19/2004.
2. ☒ The allowed claim(s) is/are 3-14, 16 and 23.
3. ☐ The drawings filed on _____ are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

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DETAILED ACTION

1. The Amendment and Petition for Time Extension filed by Applicant on 08/19/2004 have been entered.

2. Claims 1, 2, 15 and 17-22 have been canceled.

Response to Amendment/Arguments

3. Applicant's amendment and arguments filed on 08/19/2004 have been fully considered and they are found persuasive.

4. The rejection of claims 1, 8 and 10 under 35 U.S.C. 103(a) as being unpatentable over Hanada et al., U.S. Patent No. 5,621,042 (hereinafter "Hanada") is withdrawn.

Allowable Subject Matter/Reasons for Allowance

5. Claims 3-14, 16 and 23 are allowed.

6. The following is an examiner's statement of reasons for allowance: The closest prior art located or identified by the Examiner is Hanada. Hanada teaches a coating composition containing a fluoropolymer with a silane-coupling agent

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containing at least one free isocyanate group and the fluoropolymer may be modified with a reaction product of a polysiloxane or fluorine compound containing a reactive organic functional group with a polyisocyanate. Hanada, Abstract; col. 1, line 57 through col. 2, line 33. Hanada further teaches that polysiloxane compounds containing one or more reactive organic functional groups may include primary amino-modified polysiloxane oils. Hanada, col. 3, lines 2-44. Hanada further teaches that the polysiloxane compounds are reacted with polyisocyanates in a host organic solvents. Hanada, col. 7, line 25 through col. 8, line 60; col. 9, lines 47-54. Hanada further teaches suitable fluoropolymers including copolymers of fluorine containing olefin monomers and a monomer containing one or more function groups reactive with a isocyanate group such as hydroxyl, carboxyl, amino and epoxy groups. Hanada, col. 9, line 64 through col. 10, line 3. The present invention differs from Hanada in that the present invention requires a grafting agent not disclosed in Hanada.

7. As of the date of this Notice of Allowability, the Examiner has not located or identified any reference that can be used singularly or in combination with another reference including

Hanada to render the present invention anticipated or obvious to one of ordinary skill in the art.

8. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

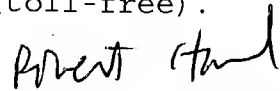
Conclusion

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Robert D. Harlan whose telephone number is (571) 272-1102. The examiner can normally be reached on Mon-Fri, 10 AM - 8 PM.

10. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David W. Wu can be reached on (571) 273-1114. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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11. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Robert D. Harlan
Primary Examiner
Art Unit 1713

rdh